

R. H. Waddle Is Assigned To Paducah

After seven years of service with the Y-12 organization as an employment interviewer, Robert H. Waddle has been transferred to the Paducah plant of the Atomic Energy Commission, to be operated by Carbide and Carbon Chemicals Company.



R. H. Waddle

He severed his long connections with Y-12 last Friday and was scheduled to report for work at Paducah on Monday morning of this week. His work at Paducah will be in the same capacity as it was in Y-12 as the big new Kentucky plant begins hiring personnel to operate it on completion.

Waddle actually had a hand in the development of the Y-12 plant before going on the Tennessee Eastman Corporation rolls in June 1944. For about a year and one-half prior to that time he was employment supervisor for the Stone and Webster Co., contractors who built the Y-12 plant.

Interviewed Many Applicants

During his tenure with Stone and Webster and afterwards with Tennessee Eastman Corporation, Waddle finds it hard to estimate the number of persons he actually interviewed for employment here, practically all of whom were hired. While with Stone and Webster he remembered that from 600 to 700 construction workers were employed in one day's time. With Tennessee Eastman he estimated that from 18 to 25 prospective employees were interviewed by each interviewer daily.

Prior to his Stone and Webster employment, Waddle was with the United States Employment Service and the Tennessee State Employment Service as well as the Tennessee Department of Public Welfare. During that time he was associated with E. C. Cain, former Y-12 Assistant Superintendent in charge of Industrial Relations, now in Paducah. Waddle and H. O. Ramey, now Superintendent of Industrial Relations and who succeeded Cain, also worked together on occasions during that period.

Born In East Tennessee

Waddle is a native East Tennessean, having been born in Oakdale. He graduated from the Robbins High School in Scott County and attended Berea College, Berea, Ky.

He is married and his wife is a Red Cross social worker on the national disaster relief staff and has been dispatched by the Red Cross to many trouble spots in the nation during the past several years.

BRAZIL BANS EXPORTS

Philadelphia Bulletin news story reports that Brazilian law forbids exporting of uranium and thorium ores and their compounds except from one government to another. The law also provides that beryllium ore can be exported only after express approval of the president.

Temporary Area For East Portal Parking Ready

Regular Lot Will Be Paved And Improved Will Hold 178 Vehicles

Work on the temporary parking lot to serve Y-12ers working in the eastern end of the plant area who have been using the regular East Portal parking facilities has been practically completed. The new parking area will be ready for occupancy when work begins on paving the present lot, expected to start within the next few days.

Space For 178 Vehicles

Bids were scheduled to be opened on Monday of this week, June 18, by the Atomic Energy Commission, for the paving of the present lot. The successful bidder was to be allowed seven days to begin work and 70 calendar days to complete the project. Plans for the new facility provide for parking space for 178 vehicles. Parking is to be on an angle and each parking space is eight feet wide. Asphalt paving is called for with asphalt sidewalks and concrete curbing similar to the construction at the North Portal.

The temporary parking area is located north of the present portal and back of the garage, Bldg. 9712. It is bounded on the east by the present Y-12 perimeter fence and on the west by the fence surrounding the Elza electrical substation.

Two Entrance Gates Planned

Entrance will be by two new gates from Bear Creek Road and the area will have two sections. The Bear Creek Road gates will be open from 6:30 a. m. to 5 p. m. A temporary Guard Department checking gate also will be established in the fence on the east side of the new parking area during the construction period on the new project. It will be open the same hours as the entrance gate.

BELGIUM SEEKS LOAN

Negotiations are near completion in Brussels, Belgium, for a United States European Credit Administration loan to Belgium of \$15,000,000 to spur production of uranium, copper and other vital materials in the Belgian Congo, according to the New York Times.



Y-12 Photo By Vince Moore

THIS PICTURE MIGHT BE ENTITLED "GRANDMA GOES TO College" and not be a bit wrong. It shows Mrs. Gertrude Tippy, mother of Y-12er R. R. Tippy, showing off her graduation regalia to her daughter-in-law, Mrs. Eleanor Tippy, and grandchildren, from left, Alan, Richard and Ann. The Y-12er, unable to be present for the family picture, is shown in the insert. Mrs. Gertrude Tippy received a bachelor of science degree from Illinois Southern University June 10.

Mother Of Y-12er Receives B. S. Degree In Education

There are a lot of proud parents around Y-12 whose sons and daughters have just graduated from high school or college—and now we have a proud son whose mother has earned a bachelor of science degree at the time in life when many mothers would be content to just sit back and watch the world go by.

This proud son is R. R. Tippy, of

the Y-12 Manufacturing Office Division. His mother, who received her degree at Southern Illinois University, Carbondale, Ill., on June 10, is Mrs. Gertrude Tippy. She was a member of a class of 403 who received their degrees at Southern Illinois University, primarily a teachers college, at that time. Mrs. Tippy majored in elementary education.

Was Teacher, Postmaster

A span of nearly 24 years ensued between the time Mrs. Tippy suspended her earlier collegiate studies in favor of marriage until she decided about two years ago

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Dr. Charpie's Talk Reset For Seminar Meet Friday

Originally scheduled to address the Oak Ridge Physics Seminar meeting on Friday, June 16, Dr. Robert Charpie, a physicist in the Y-12 Electromagnetic Research Laboratory, has been rescheduled for this Friday, June 22, by the physics group. Unforeseen factors compelled the change in the program.

Dr. Charpie will speak at 4 p. m. in the East Lounge of Ridge Recreation Hall.

Social Security Deductions Now Made On First \$3,600 Of Earnings Instead Of \$3,000; Rate Remains At One And One-Half Per Cent

Along about this time in past years many Y-12ers could look for a cessation of one deduction on their pay checks—that for Social Security. However, this year and in the future, those deductions will still be on the pay checks a little bit later than before.

The reason is this—under the new Social Security law passed last year the first \$3,600 in wages and salary are taxed, beginning January 1, 1951. The old law called for Social Security deductions to be made only on the first \$3,000 earned.

The current deductions from

Y-12 employees' pay checks for Social Security now amount to one and one-half per cent—or 15 cents on every \$10 of earnings up to \$3,600 per year.

However, the Company matches this amount, penny for penny, with an equal amount of money, paying half of the cost of the employees' social security. This money is sent to the United States Government, which in turn provides a monthly income to the employee and members of the employee's family on retirement at the age of 65, or to the family in event of death at any time.

The new Social Security law has been broadened with many new provisions over the former regulations. All Y-12ers are urged to become acquainted with the new law for their own and their families' benefit, particularly on the family benefit angles in case of death. It also is wise for anyone in doubt as to their Social Security status to check on it as soon as possible.

Offering to aid any Y-12er in obtaining this information is Warren Maddox, head of the Social Security administration field office, 509 West Church Ave., Knoxville.

Great Majority Of Y-12ers Sign In Savings Plan

Participants In Sixth Plan To Get Checks Promptly At Conclusion

Application and Payroll Deduction Authorization cards for the Union Carbide and Carbon Corporation Seventh Savings Plan were pouring into the Y-12 Payroll Department office last week from eligible Y-12ers wanting to take advantage of the generous Corporation plan for savings over the next two years, beginning July 1.

The application cards are being distributed throughout the Y-12 plant area by divisional representatives who are making every effort to get in touch with every eligible Y-12er before the deadline of returning the authorization cards from weekly and hourly paid personnel on Friday of this week, June 22. Y-12ers paid monthly have until July 6 to return their cards.

An overwhelming majority of the eligible Y-12ers reached last week by the divisional representatives signified their desire to enroll in the Seventh Savings Plan. Only a scattered few failed to take advantage of the offer.

The Sixth Savings Plan, now nearing its end, will conclude June 30 and checks for participants will be issued promptly. The payments will represent the deposits of the employees plus Company contributions of from 10 to 30 per cent, depending on length of Company service, plus two per cent interest compounded annually on both sums. Deposits for employees range up to a maximum of seven and one-half per cent of their pay.

All Y-12ers with more than one year of Company service as of July 1, 1951, are eligible to enroll in the Seventh Savings Plan. Any employee eligible to enroll who for any oversight may not have been contacted by the divisional representatives is urged to communicate immediately with the divisional representative or the Payroll Department if they wish to participate in the plan. This particularly applies to Y-21ers who may have been on vacation, ill, or away from work for any other valid reason.

LITHIUM DEMAND GROWS

The magazine Business Week recently reported that the demand for lithium has led the Foote Mineral Co. to double the capacity of its primary ore-refining plant at Exton, Pa. The ores come from the company's new property at King's Mountain, N. C.

SAFETY SCOREBOARD

Your Plant Has Operated

54 Days

Without A Lost Time Accident

Through June 17

The Bulletin

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Y-12 Employees Of
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GEORGE W. DOBBS . . . Editor

OFFICE

North Portal, Bldg 9701-1
Telephone 7753

Chemists Plan Fun At Picnic Saturday In Big Ridge Park

Quite a delegation of Y-12 members of the East Tennessee Section of the American Chemical Society are planning to attend the annual section picnic at Big Ridge Park on Saturday, June 23. In preparation thereof the Y-12ers are planning to outjinx the weather man by (1) washing automobiles and (2) taking extra raincoats, rubbers and other protective garments and (3) calling on Jupiter Pluvius to have mercy.

Members are assured this year of being notified before 10 a. m. Saturday if the affair is off, as arrangements have been made with Radio Stations WATO in Oak Ridge and WROL, Knoxville, to carry a brief announcement if the event is postponed.

However, the trusting chemists have made plans for a gala picnic. The section will provide paper plates and the main meat course at the lunch, to begin about 2:30 p. m. Bread and soft drinks also will be provided, as will favors for children. The members are asked to bring their own utensils, napkins and whatever other "trimmings" they want in the way of refreshments.

Many of the picnickers plan to be at the park by 11 a. m. to enjoy a full day of games, swimming, boating and other outdoor activities.

Cinema Club To Hear Talk On Speed Movies Thursday

An illustrated talk on high speed movie techniques by S. A. Hluchan, development engineer with the Instrument Department of the Oak Ridge National Laboratory, will feature a meeting of the Oak Ridge Cinema Club tomorrow night, Thursday, June 21. The meeting will be held in the Theater of the Atom in the American Museum of Atomic Energy, Jefferson Circle.

Hluchan will illustrate his talk with some of his own film and some commercial film and his own camera, a Western Electric Fax-tex, capable of film speeds up to 10,000 frames per second. Also on the program will be a screening of a vacation film by William Wolkowitz, a club member; and two films obtained from the Amateur Cinema League Library.

All Y-12 members of the local club are urged to attend the meeting tomorrow.



Two Y-12 employees were listed as fathers of babies born recently in the Oak Ridge Hospital. They were V. C. Jackson, Analytical Laboratory, daughter born June 9; and J. V. Ledbetter, Guard Department, son born June 12.

Observe stop and go signals—don't be a yellow light creeper.



Y-12 Photo By Vince Moore

SEVERAL Y-12ERS AND MEMBERS OF THEIR FAMILIES WERE MEMBERS OF THE CAST of "First Lady," recently staged by the Oak Ridge Community Playhouse. In this scene, from left, are Mrs. Waldo Cohn, John Estabrook, ANP Division; Francois Kertesz, Materials Chemistry Division; Dr. N. M. Smith, ANP; Mrs. Estabrook, Bob Barron, son of Ray Barron, Manufacturing Office; Mrs. Mayone Kertesz; Mrs. Virginia Means, Y-12 Medical Department and wife of Evan Means, Electrical Maintenance and stage manager of Playhouse productions; Mrs. Maxine Nielson, whose husband is in ANP and who is seated at right; and Charles Blake, Materials Chemistry Division.



J. J. Durrett, head chef of the Cafeteria and Canteens Department, is enjoying a two-week vacation at home in Oak Ridge and in the Smoky Mountains.

Property Sales welcomes Esther Scarbrough to the roster.

K. F. Brown, of the Tools Department, is spending a week of vacation at home in Knoxville . . .

C. E. Fritts is back from a week of vacation spent in moving to his new home in Clinton.

Birdie Fitzgerald, of Manufacturing Offices, is spending a week of vacation with her brother in Gulfport, Miss. . . . Pearl Patty is taking it easy on her week of vacation at home in Lake City.

T. A. Norcross, of the Property Department, and his wife are spending a two-week vacation in St. Louis, Mo. . . . Dorothy Tompkins flew to Lake Geneva, Wis., to attend her sister's wedding as matron of honor last week end.

E. G. Struxness and W. H. Bauman, of Health Physics and Hygiene, attended a meeting at the Graduate School of Public Health, at Harvard, Brookline, Mass., last week. Bauman was one of the principal speakers . . . The Department extends a welcome to Paul Ward, a health physicist inspector, for the group. Paul is an old-time Y-12er, having worked in the Housing Office several years ago . . . The department also extends get-well wishes to Helen Ivens, a patient in the Oak Ridge Hospital.

Buildings and Grounds extends sympathy to W. B. Eisenhower, whose mother passed away on June 11 in Greenville, Tenn.

Edna Kennedy, of Personnel, and her husband, Ernest, of Maintenance Shops, with their family, are driving down to Jacksonville Beach, Fla., for a week's vacation.

Graham Rudolph, of Plant Records, and her husband, O. B., of the Isotope Research and Production, are vacationing this week at her home in Franklin, Tenn., and Paducah, Ky. . . . Bobbye Jean Jessee spent the week end with her folks in Athens, Tenn. . . . The department is glad to hear that Martha Wilson got along so well after a tonsilectomy last week and will be able to return to work this week.

Research Engineering welcomes Hayes Barnette to the roster . . . M. B. Hilton is vacationing this week at home in Knoxville.

Plant Engineering extends a hearty welcome to J. D. Rose, B. E. Cooper and P. G. Herndon, Jr., new additions to the roster . . . Evelyn Brackney and Helen McNew took off last Friday afternoon for a week's vacation at Daytona Beach, Fla. They were accompanied by Helen's sister, Myrtle McNew, of LaFollette . . . Roy McKnight is enjoying a week of vacation at his new home in Knoxville.

Sue Holliday, of Electrical Maintenance, is on a week of vacation . . . J. B. Henry has returned from a week of vacation . . . Charles Gaut is vacationing this

week . . . The department is glad to hear that B. W. Beckham is much better and will possibly be able to return to work this week.

The Analytical Chemistry Division wishes a speedy recovery for Elizabeth Young and Thelma Miller, who are on the sick list.

Planning and Estimating welcomes H. D. Duncan back after a recent illness . . . A hearty welcome is extended to Jerry Morrisett and to F. A. Watson, newcomers in the department.

E. L. Baker, of Product Chemical, is spending a week's vacation visiting an aunt in Norfolk, Va. . . . Bessie Phillips is spending a week of vacation at home in Lenoir City, Tenn.

A. D. Ryon, of the Material Chemistry Division, is spending a two-week vacation in Florida . . . D. A. Lee is vacationing at home in Oak Ridge, this week . . . John Redman and his wife have returned from a recent week of vacation spent visiting his home in Indiana . . . Lyle Overholser and his wife visited her family in North Carolina while on a recent week's vacation.

Hank Buttram, of the Isotope Research and Production Division, is playing the role of country gentleman since he moved to his new home over at Byington . . . Roy Roseberry is the proud owner of a new Chevrolet, and N. V. Smith recently acquired a new Buick. The division wishes a speedy recovery for J. A. Griffin's small son who had a tonsilectomy last week . . . Also a welcome is extended to Josephine Morgan, a new addition to the roster.

J. H. Shoemaker, of the Guard Department, spent last week's vacation at home in Oak Ridge . . . J. B. Quinn is on a two-week vacation . . . The department extends congratulations to J. V. Ledbetter, the very proud papa of a baby boy,

who weighed five pounds and seven ounces when he was born at the Oak Ridge Hospital on June 12. Since this is their first boy, the Ledbetters named him J. V. Ledbetter, Jr.

The Analytical Laboratory extends congratulations to the V. C. Jacksons, who are the proud parents of an eight and one-half pound baby girl, born June 9, at the Oak Ridge Hospital—mama and papa are doing well . . . L. E. Burkhart has returned from a two-week vacation spent in Florida.

Annie Rogers, of the Assay Laboratory, was called home to Belton, S. C., last week because of the illness of her mother. The department wishes a speedy recovery for her. . . . Glad to see Verney Sharp back after a few days illness. . . . Doris Brogan spent the week end at home in Middlesboro, Ky.; get well wishes are extended to her mother who is in a hospital there recovering from injuries received in a recent automobile accident. . . . Walter Rice and his family are spending a week of vacation in Gadsden, Ala. . . . Alta Lowe is spending a two-week vacation at Daytona Beach and at other points of interest.

Esther Moody, the handy gal around The Bulletin and Recreation Office, is vacationing for a couple of weeks. She planned to visit her folks in Sweetwater and Chattanooga during her rest.

Eva Williams and Mary Nell Smith, of the Stores Department, joined all the other Y-12ers on vacation at Daytona Beach this week. . . . The department extends a welcome to Barbara Marshall, who was added to the roster last week.

Mozele Rankin, of the Electromagnetic Research Division, had her mother from Fort Worth, Tex., visiting here in Oak Ridge, for two weeks. They are making trips to the Smokies, Norris and other local points of interest.

Safety is ace high in the game of life.



Y-12 Photo By Vince Moore

MEMBERS OF THE OAK RIDGE LIONS CLUB AND THEIR wives, including many Y-12ers, are pictured above enjoying Ladies Night and installation of officers ceremonies at the Oak Terrace. In rear the Lions are Ed Almgren, W. C. Tunnell, Y-12; Walter Van Fleet, Bill Cobb, Y-12; Paul McDowell, Jim Bowers, Y-12; William Wylie, William Spicer, Richard Hollis, James Rose, H. E. Buckminster, former Y-12er; and H. Wesley Savage, of Y-12. The women are, from left, Mesdames Almgren, Tunnell, Van Fleet, McDowell, Bowers, Wylie, Rose, Buckminster, Cobb, Spicer and Savage. The Y-12ers who were elected officers of the club include Tunnell, director; Cobb, Lion Tamer; Bowers, second vice president; and Savage, immediate past president.

Mother Of Y-12 Man Receives B. S. Degree

Continued from Page 1

to complete her credits for a degree. During that 24 years she taught school for 18 years and was postmaster at her home town of Carterville, Ill., for six years. In the latter post she succeeded her husband, who died after serving 10 years in the position. Her husband, Roger Tippy, also was a school teacher, having taught for 23 years. He died in 1943.

During the past two years Mrs. Tippy obtained the needed credits for the bachelor of science degree through university class work and also by taking extension work from the school, which is a part of the University of Illinois.

Working For Master's Degree

"Certainly, I plan to continue teaching," Mrs. Tippy said when asked if she intended to be content with her degree at this time. "I have some credits on a master's degree and plan to continue my studies to get this degree."

Quiet spoken and with a sparkle in her blue eyes, Mrs. Tippy pointed out that teaching really was her "life's work" and that the studying required for the degree credits really wasn't so difficult, despite her fears before resuming class work after a period of many years.

Whole Family At Graduation

It was a proud day for the entire Tippy family on June 10 as the Y-12er, his wife, Eleanor Tippy; daughter, Ann; and two young sons, Alan Roger and Richard Earl, attended the graduation exercises. Joining them were Mrs. Gertrude Tippy's other son, Earl, of Phoenix, Ariz., and her daughter, Mrs. Mildred Connolly, of Carterville. Both of the Tippy sons are graduates of the University of Illinois. Mrs. Eleanor Tippy herself is a graduate of Southern Illinois University, receiving her degree of bachelor of education at the institution in 1938 when it was known as the Southern Illinois Teachers College and before it was elevated to university status as a part of the state university system.

Mrs. Gertrude Tippy has been visiting her son, daughter-in-law and grandchildren here for the past several days and planned to return to Illinois in the near future.



The following Y-12 employees were patients last week in the Oak Ridge Hospital: Helen L. Ivers, Health Physics and Hygiene; Cleveland Cannon, George I. Miller, Joseph A. Frisella and Orland C. Blanton, Product Chemical; Leonard R. Bledsoe and Herman H. Clark, Maintenance Shops; Mary F. Williams, Janitors; Jack P. Burchfield, Field Maintenance; and James N. Harrell, Buildings and Grounds.

Shift Supervisors Issuing Permits To Night Workers

Y-12ers working on the 11 p. m. to 7 a. m. shift who will be required to renew their Government driving permits and who are unable to do so during normal office hours of the Safety Department may obtain the permits from the office of the Plant Shift Supervisors in the west end of the Dispensary building on First St.

These permits expire Saturday night, June 30. They are required by every Y-12er driving a government vehicle.

All applicants for Government permits must have a Tennessee state operators' license and present it at time of renewing the Government permit.

The Hole Truth

By EVAN MEANS

Well, fishing has slowed down enough that I can make it in one installment this time. The picture of that big catfish J. L. "Stump-knocker" Titlow caught in Douglas Lake last spring has finally reached these columns. Editor Dobbs says that if that fish had been a little longer there would have been a question as to who caught whom.

Incidentally, that running feud between Titlow and Ledford is still going full blast. Ray talked J. L. into trying Norris Lake a few days ago and hasn't been forgiven yet. We also hear that someone dropped his false teeth into the lake. The next trip out after the big catfish, Titlow was dragging in crappie as fast as he could drop his hook into the water. He turned to his pals (?) and remarked, "**** these crappie, they won't let a feller fish."

The Redmond brothers are death on those big jacks (muskie to you non-natives) that hang out in the upper Emery River around Wartburg. We never remember the first name, but the one who works in Receiving and Shipping got a big one week end before last. He brought the head in to show the fellows.

We can start a musky club right here in Y-12. J. R. Cooter has taken a couple (he works in Bldg. 9212) and the Redmond brothers have caught several. Charley Kasperek got one on a fly rod on Memorial Day. And Charles Wallace, who came over to the instrument shop when the Bldg. 9307 group moved back into Y-12, got one from the Clinch near the mouth of the Emery last year.

Now that B. N. "Buzz" Strunk has been elected chairman of the fishing group in the Oak Ridge Sportsmen's Association, the boys suggest that he start a move to have some fish put into Norris Lake. Russ Hopper and Charles Kasperek got the last two a week ago Sunday. Russ got a four-pound bass and Charley got a small crappie.

E. Scott, of the Guards, has one for the book. His brother was here on vacation recently and they went up to Sequoia Landing to fish. The brother had a strike and his line broke. He went back to Andersonville to buy a new line and while he was gone, Scotty caught a nice bass with a line still hanging from its mouth.

Someone else tells of two fellows who caught the same catfish at the same time recently. It had swallowed both minnows.

C. V. Haney and son and James Stone both caught nice catches of crappie down at Caney Creek on Watts Bar a week ago Sunday.

If you have missed welder Max Goins' car from the parking lot recently, he has turned it into a home for wayward skunks. On a recent rainy night he found a brood of five little woods pussies along Highway No. 25, so he loaded them into the back of his car. They tell me turpentine will neutralize that odor.

And that's the hole truth.

Several Y-12ers Have Parts In Playhouse Melodrama

The Community Playhouse is putting on its latest production at the Oak Terrace Ball Room nightly, beginning July 9, except Sundays, to July 21 for a two-week stand.

The play is "The Fate Of Phoebe Fairhart." Marshall Lockhart, wife of George Lockhart, of Planning and Estimating, will play the "widow." Among the Y-12ers



IT'S A GOOD THING J. L. Titlow, of Electrical Maintenance, is just about twice as tall as that big yellow catfish he is holding was long, or maybe the picture would have to be reversed. Anyhow, Titlow, one of Y-12's more enthusiastic anglers, was mighty proud of the monster he yanked out of Douglas Lake some time back.

Y-12 Golfers Beat ORNL; Take First Place In League

The Y-12 varsity golf team took over first place in the Smoky Mountain Golf League last Sunday by beating Oak Ridge National Laboratory by 14 to 10. The Y-12ers now have three wins and no losses. Sears, Rohm-Haas, K-25 and Standard Mills have two wins and one defeat each. TVA has won one and lost two and ORNL and Alcoa are in the cellar with no wins and three losses.

Meece and Caldwell led the Y-12ers Sunday with a whitewash win of 3-0 over Sampson and Sachs. Other Y-12 wins were Stugart 2, Cook 1 and Cater 2½, Vaughn ½. Tiller and Lanham split at 1½ each. ORNL triumphs were by Reynolds 3, Bauman 0 and McWright over Bowles and Farmakes over Dorr by 2 and 1.

Slow Pitchers Play R-A In League Contest Tonight

The Y-12 slow pitch softball team in the Oak Ridge league is scheduled to meet Roane-Anderson in the 8 o'clock game tonight at Midtown Park.

Manager Tom Niemeyer's team lost an opportunity to climb out of the league's cellar position last Wednesday night when its game with the Jewish Congregation, tied with the Y-12ers for last place, was postponed because of wet grounds.

Joe Kirkwood, Sr., Sets Show Sunday

Joe Kirkwood, Sr., one of the world's greatest trick golfers, will give a show at the Oak Ridge Golf and Country Club next Sunday, June 24, at 2 p. m. Admission will be \$1.50.

having leading roles are Margaret Ross, Security; Virginia Means, Health Physics and Hygiene, and Fred Manneschildt, Chemical Department.

More Plant Games Rained Out To Leave First Half Undecided; 49ers Regain Top

Postponed Tilts May Be Reset This Week To Determine Standings

Old Man Jupiter Pluvius, the man up there reputed to control rainfall activities, must have gotten on a crying jag last week as his tears again washed out a good part of the Plant Softball League schedule. As a result, the torrid race in the loop still was simmering and undecided at the end of play last Thursday night.

The 49ers returned to first place last week by winning their only start of the period, trimming the Rusty 9 by 18 to 6. The Orphans, top team the previous week, broke even and fell back to second. Elmore Koons' outfit whitewashed the Bldg. 9212 team by 16 to 0 but then were licked by the Duds, formerly Bldg. 9709, by 15 to 7.

Efforts will be made to sandwich remaining first half games into the second half schedule, which in turn has been rearranged by dropping postponed tilts to the end of the season.

The schedule for the coming week follows:

Wednesday, June 20, 6 p. m., Isotopes vs. Duds. 7:30 p. m., Bldg. 9211 vs. Orphans. 9 p. m., Grocers vs. Rusty 9.

Thursday, June 21, 6 p. m., Bldg. 9212 vs. Sparks. 7:30 p. m., All Stars vs. 49ers.

Monday, June 25, 6 p. m., Sparks vs. All Stars. 7:30 p. m., 49ers vs. Duds. 9 p. m., Bldg. 9211 vs. Isotopes.

Tuesday, June 26, 6 p. m., Rusty 9 vs. Orphans. 7:30 p. m., Grocers vs. Bldg. 9212.

Results last week and league standing in first half through last Thursday follows:

Team	W	L	R	H
Duds (9709)	032	030	8	9
All Stars	000	121	13	11
Duds: Chamberlin, Law and Rhea. All Stars: Twitchell and White.				

Isotopes	000	000	4	4	10
Grocers	200	002	1	5	9
Isotopes: Love and Prater. Grocers: Doss and Walker.					

Orphans	223	243	0	16	14
9212	000	000	0	7	
Orphans: Hawkins and Noe. 9212: Mustin and Honeycutt.					

All Stars	101	40	6	7
Isotopes	300	45	12	8
All Stars: Twitchell and Marrow. Isotopes: Love and Frazier.				

Duds	715	20	15	5
Orphans	003	04	7	7
Duds: Fowler and Rhea. Orphans: Koons and Lawson.				

Rusty 9	023	1	6	7
49ers	827	1	18	8
Rusty 9: Shephard and Morris. 49ers: Bishop and Jones.				

LEAGUE STANDING				
Team	W	L	R	H
49ers	6	2		
Orphans	5	3		
9212	6	3		
Sparks	4	4		
Isotopes	4	4		
All Stars	4	4		
Duds (9709)	4	5		
Grocers	3	5		
Rusty 9	3	5		
9211	1	7		

Rippers, Turf Riders Plan Playoff Sunday For Golf Loop Title

The Rippers and Turf Riders, teams of the Y-12 Plant Golf League, have tentatively selected next Sunday, June 24, for a playoff match to settle the first half of the season championship in the league. The teams finished in a tie for first place with seven points won and two lost.

Both teams won identical victories last week, the Rippers beating the Deacons and the Turf Riders edging the Divcts by 17½ to 18½.

Meanwhile the second half of the season is scheduled to get under way this week.

Y-12 SPORTS NEWS

Diamond Teams Of Y-12 Lose To Foes In Close Decisions

Errors Prove Costly; Red Bird Catcher Hale Suffers Broken Finger

SCHEDULE

Baseball

Thursday, June 21, 6 p. m., Corryton at Knoxville.
Saturday, June 23, 8 p. m., Farragut at Oak Ridge.
Sunday, June 24, 3 p. m., Chapman Park at Chapman.

Men's Softball

Friday, June 22, Vine Ave. at Oak Ridge.
Monday, June 25, Maryville at Knoxville.

Women's Softball

Thursday, June 21, 9 a. m., Gravelton at Elza Field, Oak Ridge.
Friday, June 22, Vestal at Oak Ridge.
Tuesday, June 26, Gravelton at Knoxville.

The Y-12 varsity diamond performers had a disastrous period of competition last week—none of the outfits being able to report a victory. The Cardinal baseballers lost their only appearance, the Red Birds dropped three softball games and the Robins dropped their lone start. If it is any consolation, all the teams put up a good scrap and the losses were by slim margins.

The Cards were tripped by Rockford Saturday by the score of 8 to 7, a four-inning rally in the eighth proving Hawkins' downfall. The Cards got 15 safeties to 11 for Rockford. The Y-12ers made a sightseeing tour Sunday in an effort to play a game. They were scheduled against Farragut at Lenoir City but after both teams showed up the groundskeeper failed to report. The teams traveled to Chapman Park but found two other teams playing there—so, no game.

Last Inning Run Fatal

The Robins' loss came to the Corryton team, and against it was a last-inning run that was fatal. Helen Aikman allowed Corryton but three hits but her mates could not solve Kenmore after the first round when they scored four runs.

The Red Birds dropped three games during the week, the last debacle coming at the hands of Watson's Friday night at Oak Ridge. The Birds could get but three hits off Stevens and made three errors. The Y-12ers probably lost Catcher Roy Hale for the rest of the season as he broke a finger.

Errors Costly To Birds

Although both teams committed four miscues, mistakes of the Red Birds proved more costly than those of Oak Ridge National Laboratory as the Labsters took a 6 to 4 victory at Midtown Park in Oak Ridge last Tuesday. The usually steady Bobby Loy gave five walks to one for his mound foe, King Kong Kellar, but handed out only three hits to the ORNL lads and whiffed eight to nine for Kellar.

In a make-up game at Knoxville the Red Birds again ran into tough luck, losing to Vine Avenue by 5 to 4 as the home towners rallied for three runs in the last of the seventh. The muddy field made life miserable for both teams and contributed to the four errors made by the Y-12ers. The Red Birds again outhit the opposition but couldn't come through with ducks on the puddles.

Standings Not Too Bad

Statistics published Sunday showed the three Y-12 teams were doing pretty well in their league competition. The Cards held third place in the Knox-Ridge League before the week-end games with four wins and two losses. Boss

IT MAY BE FLATTERY—BUT IT'S CONFUSING

Away back three years ago and more—on April 12, 1948, to be exact, it was announced that Carbide Y-12 had adopted a standard red and white uniform color scheme for its varsity sports teams and thereafter the baseball team would be known as the Y-12 Cardinals. In short order the men's varsity softball team became known as the Red Birds and the women softballers the Robins.

Of late these nicknames have been bobbing up to identify other sports teams hereabouts. There is an old saying that "imitation is a sincere form of flattery"—but in this case it is quite confusing to record keepers and fans who have over the more than three-year period identified the Y-12 athletes by the various forms of bird life with plumage of red. The Y-12 players believe that a "rose by any other name may be just as sweet" but point out that they have been sole owners and proprietors of their names for a long time—and don't intend to change.

Y-12 Girl Netters Divide; Top K-25, Lose To Lab Lassies

The Y-12 racqueteers completed last week in championship form by defeating the K-25 girls 5 to 1. In their first match of the week they dropped their first of the season to the ORNL team by the same 5 to 1 margin. Joan Gilliam led the Y-12ers in both matches, being the only winner Monday, June 11, when she defeated Silverman of ORNL 6-1, 6-3. Between matches she took first place on the women's tennis ladder by getting a forfeit from Mozelle Rankin.

In the match Thursday, June 14, against K-25, Gilliam defeated Colley 6-2, 6-1; Rankin defeated Fox 6-4, 6-2; Thompson defeated Argo 4-6, 6-0, 8-6; and Lambert of Y-12 was defeated by Gilbert of K25 6-2, 6-2. In the doubles matches Hale and Flynn defeated their opponents and Patrick and Rogers won theirs by forfeit.

Bill Burns' boys were in fifth place in the City League by having won three and lost four. The Red Birds were perched on the fifth limb in the KSA City League with four wins and five losses and the Robins were fourth in their loop with three and three.

Line scores for the varsity games last week follow:

MEN'S SOFTBALL						
Team				R	H	E
ORNL	200	022	0—6	3	4
Y-12	000	121	0—4	6	4
Keller and Allen. Loy and Hale.						

Y-12	200	002	0—	4	7	4
Vine Ave.	100	001	3—	5	6	1
Loy and Hale. Wilburne and Brummett.						
Watson	300	001	0—	4	7	0
Y-12	000	010	0—	1	3	3
Stevens and Solomon. Sise and Hale,						
Pratt.						

WOMEN'S SOFTBALL						
Team				R	H	E
Y-12	400	000	0	4	4	3
Corryton	021	001	1	5	3	3
Aikman and Roberts. - Kenmore and Cardwell.						

BASEBALL						
Team				R	H	E
Y-12	102	101	101—	7	15	3
Rockford	112	000	04x—	8	11	2
Hawkins and Weigelt. Tate and Mc-						
Millan, Stinett.						

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Research Services Has Perfect Attendance For Third Week In Row To Lead Standings

The Research Services Department seems well on the way toward establishing a new record for consecutive weeks with "all present" marks. For the third straight week this department has reported no absentees and it again led the attendance standings in Major League departments for the week ending June 10. Such conscientious attendance on the job reflects the loyalty of the employees and their attitude toward the importance they place in their work.

Just behind Research Services came the Assay Laboratory and Electrical Maintenance, both with excellent records. The laboratory had only .3 per cent of its personnel absent while the electricians reported an absentee mark of .90 per cent, just nosing out Maintenance Shops, which had a record of .91 per cent. The second and third place departments advanced from fifth and fourth positions held the previous week.

Eight Others Are Perfect

In the Minor League eight departments reported perfect attendance records for the week ending June 10, an increase of two over the preceding week. Of the eight, five were holdovers from the week ending June 3. They were the Steam Plant, Maintenance Utilities, Property Sales, Manufacturing Offices and the Tool Department. The other three departments joining the top bracket were Superintendents, Health Physics and Hygiene, and Fire.

Second place in the Minor League was taken by Uranium Control and Computing, which had an absentee mark of .5 per cent. In third place with an even one per cent of its employees absent was the Laundry.

The plant-wide absentee record for the week ending June 10 was 2.2 per cent. This was .1 per cent higher than for the week ending June 3. The absentee record for the week ending June 10, by departments, follows:

MAJOR LEAGUE More Than 50 Employees Scheduled				
Dept.	Absent Percentage	6-10-51	6-3-51	Standing
2018	0.0	1	1	1
2283	0.3	2	5	2
2077	0.90	3	4	3
2003	0.91	4	3	4
2619	1.6	5	9	5
2142	1.9	6	6	6
2014	2.0	7	11	7
2060	2.22	8	2	8
2282	2.24	9	10	9
2015	2.5	10	7	10
2091	2.6	11	13	11
2618	3.3	12	...	12
2001	3.46	13	8	13
2617	3.51	14	...	14

Group absentee percentage was 2.3 per cent, .3 per cent higher than the preceding week.

MINOR LEAGUE 15-49 Employees Scheduled				
Dept.	Absent Percentage	6-10-51	6-3-51	Standing
2743	0.0	1	1	1
2005	0.0	1	1	2
2145	0.0	1	1	3
2133	0.0	1	1	4
2144	0.0	1	1	5
2200	0.0	1	4	6
2108	0.0	1	8	7
2093	0.0	1	12	8
2739	0.5	2	11	9
2096	1.0	3	2	10
2008	1.9	4	5	11
2064	2.4	5	3	12
2107	2.6	6	7	13
2046	2.7	7	1	14
2616	3.2	8	...	15
2143	3.8	9	13	16
2109	4.0	10	6	17
2002	4.8	11	10	18
2090	7.5	12	9	19

Group absentee percentage was 1.8 per cent, .5 per cent lower than the preceding week.

The plant average for the week ending June 10 was 2.2 per cent, .1 per cent higher than the preceding week.

Y-12er Wins Second In Picture Contest

Janet Cisar, of the ANP Division in Y-12, took second prize in the photographic print contest held at the meeting of the Carbide Camera Club June 12. First and third prizes went to Joe Lundholm, of the Oak Ridge National Laboratory, president of the organization. The pictures were of Oak Ridge scenes.

Nat Stetson, of Y-12, former president of the club, judged the entries.

An interesting color moving picture, Tennessee Vacation Land, was shown at the meeting.

At the July meeting of the club, to be held at 7:30 o'clock Tuesday night, July 10, a contest will be held on color slides on the subject of water scenes.

Rides Wanted And Offered

RIDE WANTED—From Burlington section of Knoxville, rotating shifts. W. J. Mason, plant telephone 7790, home telephone 4-3137.

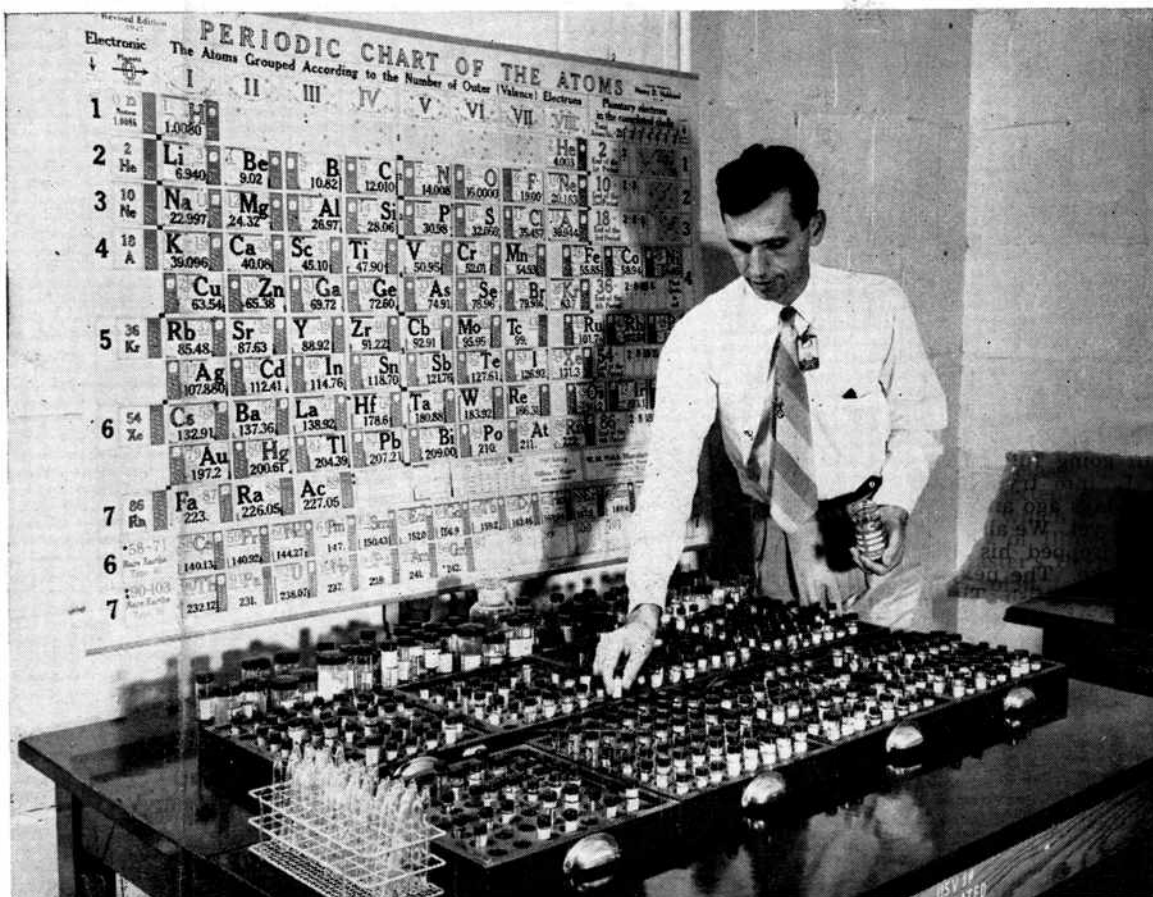
THREE RIDERS WANTED—From Lonsdale and Lincoln Park section of Knoxville. L. D. Best, plant telephone 7247, home telephone 3-5855.

RIDERS WANTED—To Nashville, Tenn., any Saturday, leaving about 5 p. m. G. H. Booth, telephone 7948.

6-2850



Y-12 Photo By Vince Moore
A HOBBY GROUP IN MISS AUSTELLE SPARKS' SIXTH grade at Linden is shown in a sewing club. From left to right, making aprons, are Henrietta Taylor, Elizabeth Buck, Deanna Wilcoxin, Marjorie Fairbourne at sewing machine, Ruth Matthews, Priscilla Mitchel, Blanche Holbert (in background) and Yvonne Haggard. Many of these youngsters have parents in Y-12 who encourage and assist teachers in Oak Ridge schools to make their programs attractive and helpful.



BOYD WEAVER, HEAD OF THE ISOTOPE CHEMISTRY DEPARTMENT OF THE ISOTOPE Research and Production Division and author of an article on isotope work in Y-12, is shown above looking over samples of stable isotopes produced here.

Y-12 Stable Isotope Production Described By Weaver In Article

Importance Of Discovery Of Isotopes To Scientific World Cited In Recent Issues Of Branched Chain

An interesting article on the importance to the scientific world of the discovery of isotopes written by Boyd Weaver, head of the Isotope Chemistry Department of the Isotope Research and Production Division of Y-12 was published in a spring issue of the Branched Chain, a publication of the East Tennessee Section of the American Chemical Society.

The three-page article describes the work done during the past five years by Y-12 scientists in producing isotopes by means of electromagnetic separators known as calutrons. Work of Oak Ridge National Laboratory personnel also is cited in the article.

Abstract of Article

In a brief abstract of the Branched Chain article, entitled "Separated Isotopes as Research Tools," Weaver says:

"The discovery of isotopes may be likened in importance to the invention of the periodic table of elements. It has further extended the arrangement of the numerous kinds of atoms into an orderly system. Isotopes of some of the lighter elements have been separated by chemical means, and ordinary mass spectrographs have separated minute amounts of all known natural isotopes. However, the greatest number of large scale separations have been made by the electromagnetic process at Y-12. These now include most of the elements which have natural isotopes."

"More than 1,000 individual samples of separated isotopes have been distributed to research laboratories. Research fields in which they have been used include studies of natural radioactivity, superconductivity, magnetic susceptibility, neutron absorption and various phases of spectroscopy."

Many Research Papers Written
"Most of the isotopes have been converted into radioisotopes, which are then useful in identifying activities and as tracers in chemical and medical research. More than 150 research papers resulting from the use of these isotopes have been published."

The Red Mill Will Feature CurtainTime Program Sunday

Not long after the turn of the century one of the most popular musical shows ever to grace the New York stage was offered in "The Red Mill." In it the late Fred Stone established his reputation as a leading performer of his time.

"The Red Mill" will be presented on the Curtain Time radio program to be sponsored by Carbide over Oak Ridge Station WATO Sunday night, June 24. Broadcast time is from 8:30 to 9 p. m. Some of the outstanding musical numbers on the program are "In Old New York" and "Because You're You."

Ceramic Society Sets Next Meeting For North Carolina

Members of the Tennessee Valley Section of the American Ceramic Society, of whom there are several in Y-12, will visit the feldspar operations in western North Carolina at the next meeting of the section set for Friday and Saturday, July 20 and 21. The meeting will be held at Spruce Pine, N. C.

A program of technical addresses and a moving picture of what takes place inside a furnace at high temperatures when viewed through a microscope will feature the opening day's program. Visits to feldspar plants in the neighborhood will be made the second day. A dinner for members and their families will be given and a card party for wives is scheduled.

Following the July meeting of the section, the next session of the group will be held in Knoxville in November.

Carbide Wives Will Elect, Play Cards At Party Tonight

The Carbide Wives will elect four members of the board of directors to serve one-year terms when the group holds its monthly meeting at 7:30 o'clock tonight, Wednesday, June 20. The meeting will be held in the East Lounge of the Ridge Recreation Hall and after the election of the directors the members will play canasta and bridge.

The entire board of directors will meet on Thursday night, June 28, to select officers for the coming year.

At the card party tonight Mrs. S. D. Holsey will be member of the board in charge. Other hostesses will be Mesdames J. D. Price and Ralph Ford, wives of Y-12ers, O. C. Parker, M. P. Gelso, Rudolph Paluzell and R. W. Atterberry.

TESTS SET FOR SHELTERS

Rex Nicholson, Berkeley, Calif., industrialist working with the Civil Defense Administration, is quoted in the San Francisco Chronicle as stating the best bomb shelters that can be devised will be given live tests with atomic bombs within the year.

Bachelor—A rolling stone that gathers no boss.